2100:

Serial No. 10,079,447



COPY OF PAPERS ORIGINALLY FILED

Docket: 290-051us T.J. Gabara 80-7 (Lucent)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application

**Inventors:** 

T.J. Gabara

S.S. Martin

**Docket:** 

290-051us

Serial No.:

10/079,447

Filing Date:

20 February 2002

Examiner:

Not Yet Assigned

**Group Art Unit:** 

2816

Title:

Method For Modeling Noise Emitted By Digital Circuits

ASSISTANT COMMISSIONER FOR PATENTS

WASHINGTON, D.C. 20231

Attn: Drawing Review Branch

SIR:

## Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 14 May 2002.

Name of person signing this certificate: Jason Paul DeMont

gnature a lac

**RECEIVED** 

JUN 1 1 2002

Technology Center 2100

## TRANSMITTAL OF FORMAL DRAWINGS

Please find attached the revised formal drawings for this case.

Pursuant to 37 C.F.R. 1.136(a)(3), please treat this and any concurrent or future reply in this application that requires a petition for an extension of time for its timely submission as incorporating a petition for extension of time for the appropriate length of time.

In the event of any non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-1044** as required to correct the error.

Respectfully,

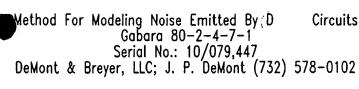
DeMont & Breyer, L.L.C.

Jason Paul DeMont Attorney for Applicant

Reg. No. 35,793

732-578-0102

Date: 14 Lax Zool DeMont & Breyer, L.L.C. P.O. Box 7490 Shrewsbury, NJ 07702 United States of America



1/7

## FIG. 1

PRIOR ART

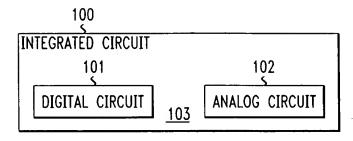
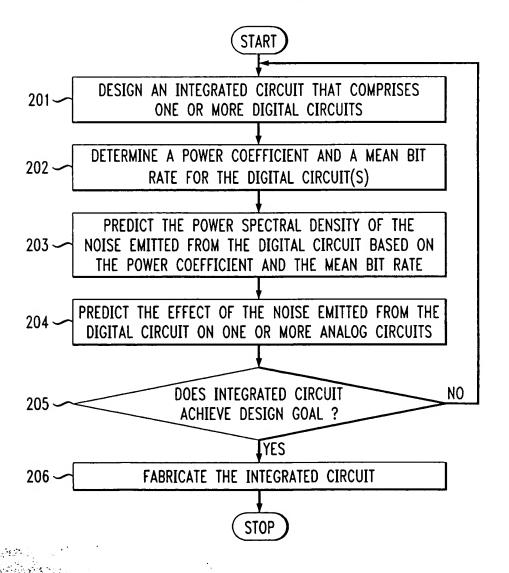


FIG. 2



Method For Modeling Noise Emitted By (Pi Circuits Gabara 80-2-4-7-1 Serial No.: 10/079,447 DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

FIG. 3

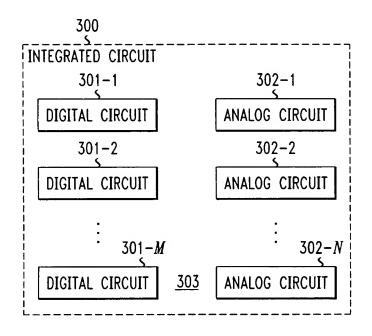
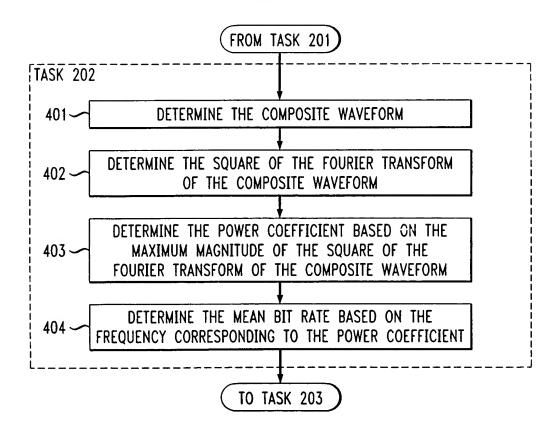
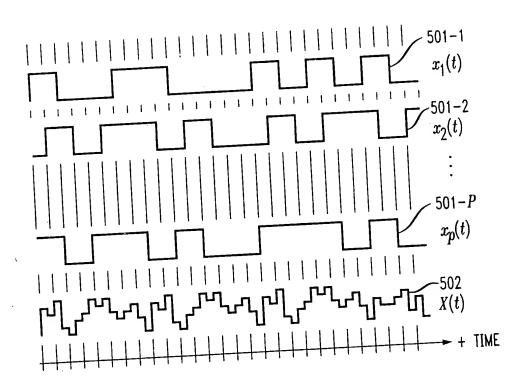


FIG. 4



Method For Modeling Noise Emitted By Dig Circuits
Gabara 80-2-4-7-1
Serial No.: 10/079,447
DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

FIG. 5

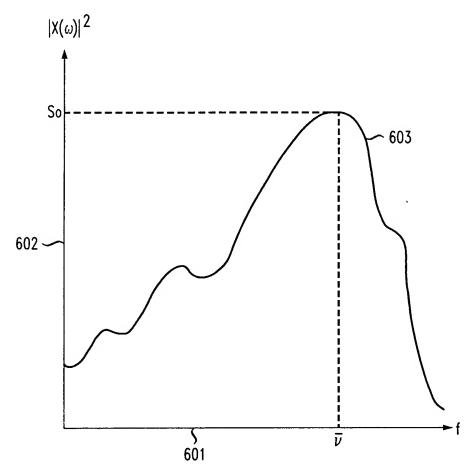


Method For Modeling Noise Emitted By (Di Circuits Gabara 80-2-4-7-1 Serial No.: 10/079,447 DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

4/7

FIG. 6

SQUARE OF FOURIER TRANSFORM OF X(t)



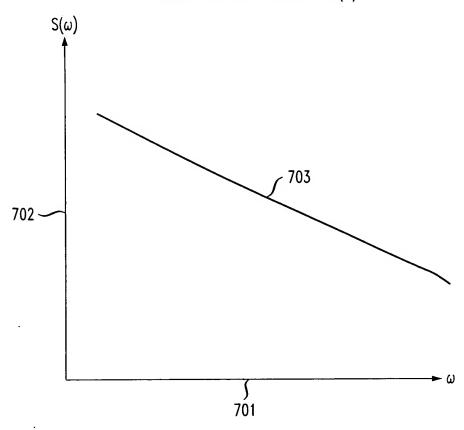
Gabara 80-2-4-7-1
Serial No.: 10/079,447

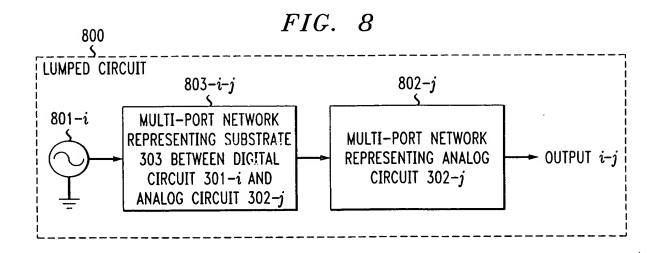
Serial No.: 10/079,447 DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

5/7

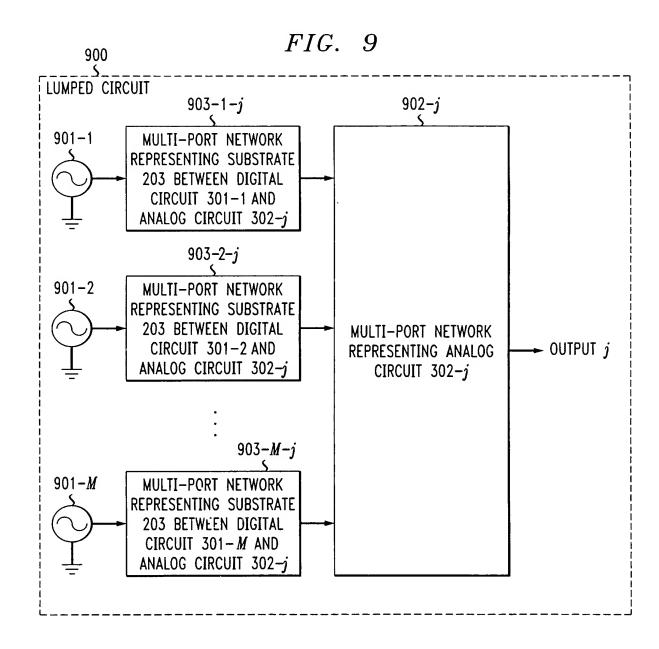
FIG. 7

POWER SPECTRAL DENSITY,  $S(\omega)$ 





thod For Modeling Noise Emitted By Digital Circuits
Gabara 80-2-4-7-1 Serial No.: 10/079,447 DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102



ethod For Modeling Noise Emitted By @ig Gabara 80-2-4-7-1 Circuits

Serial No.: 10/079,447 DeMont & Breyer, LLC; J. P. DeMont (732) 578-0102

FIG. 10

